

Title: A Timing and Frequency Offset Estimation Scheme  
for OFDM Systems by Using an Analytic Tone  
Inventor: Dong Kyu Kim  
USAN: 09/750,128  
Filed: December 29, 2000  
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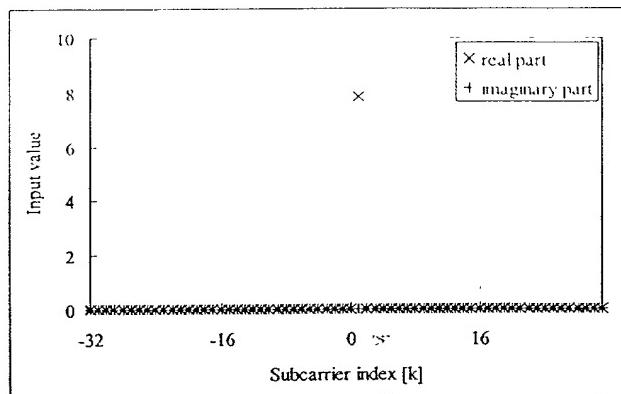


FIGURE 1(a)

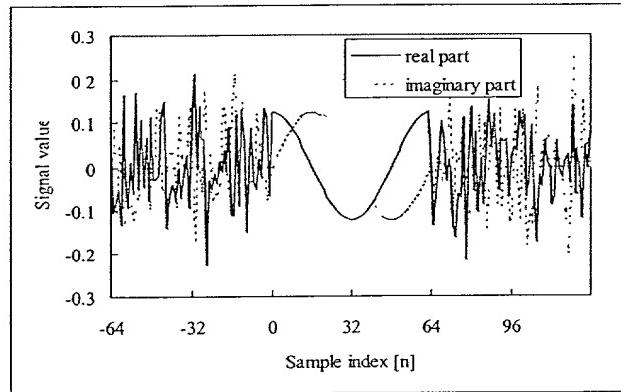


FIGURE 1(b)

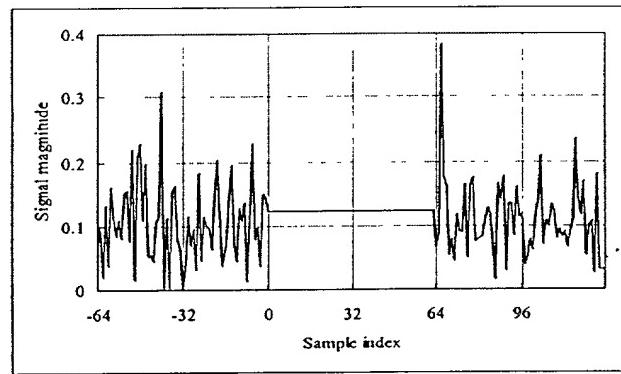


FIGURE 1(c)

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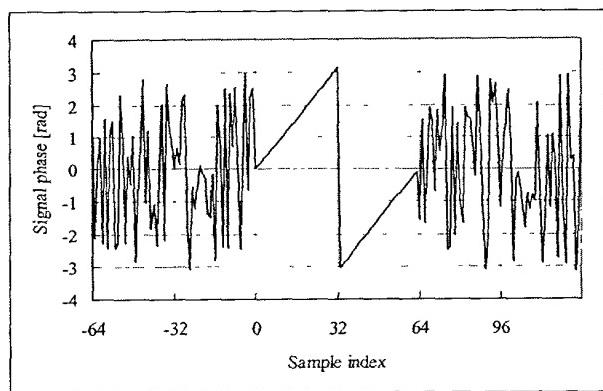


FIGURE 1(d)

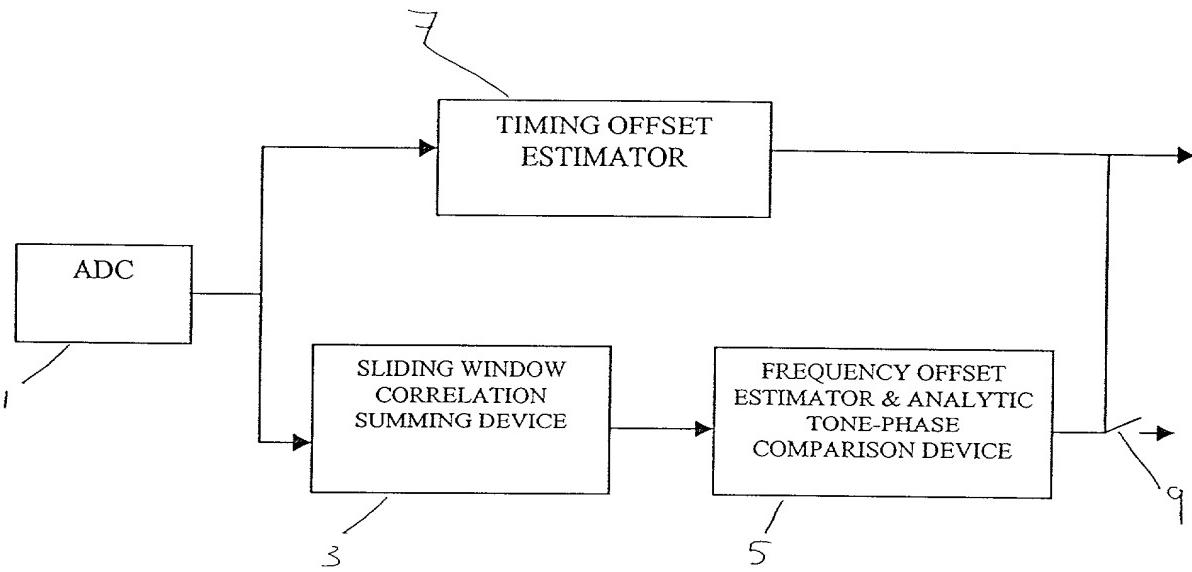
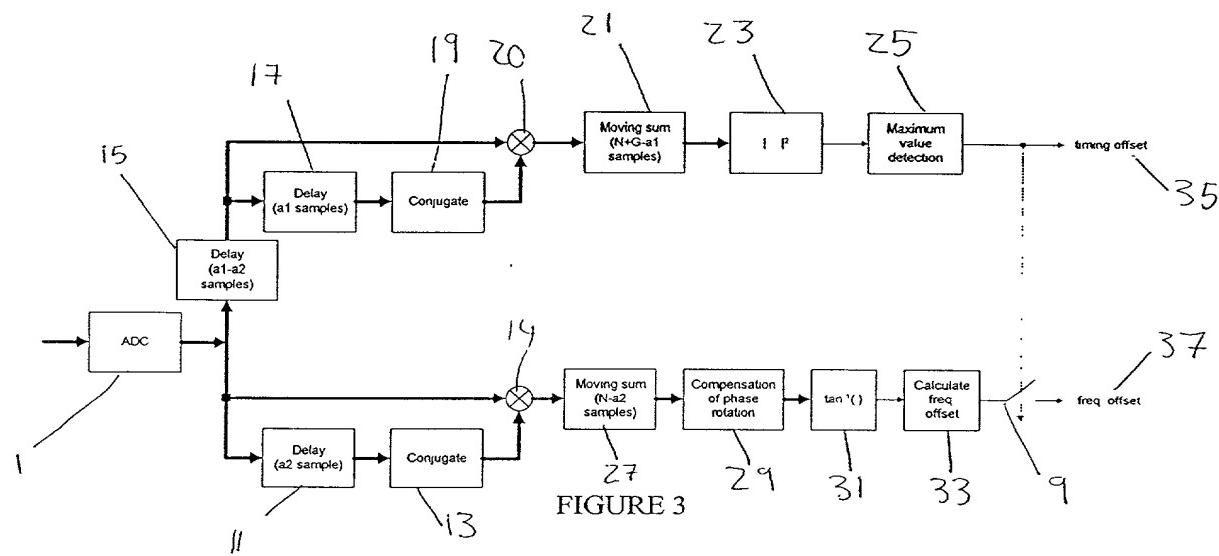


FIGURE 2



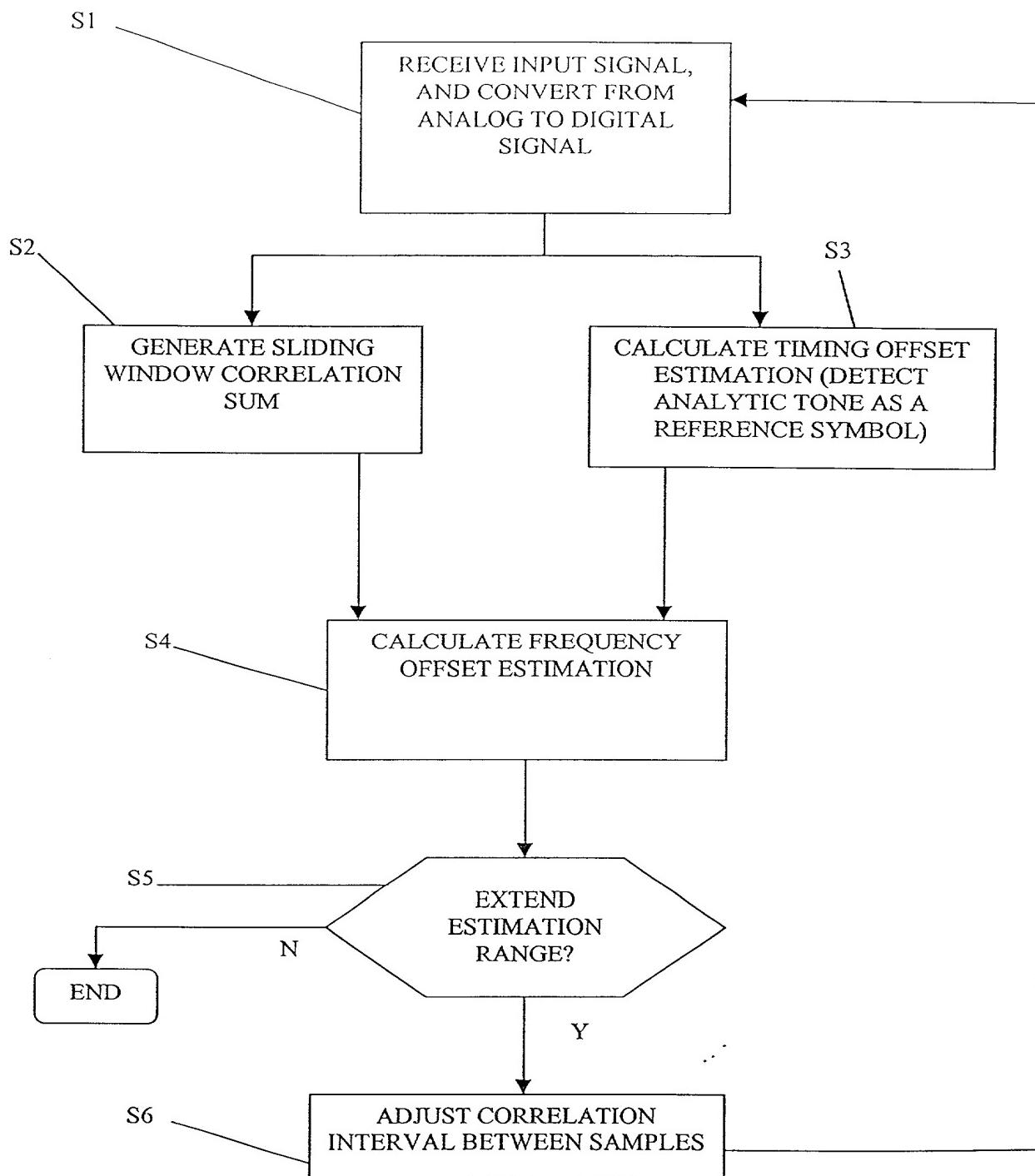


FIGURE 4

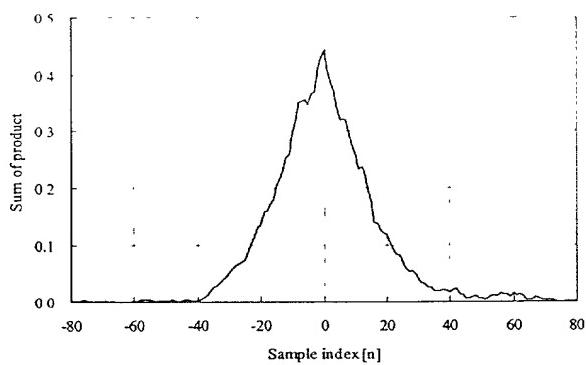


FIGURE 5(a)

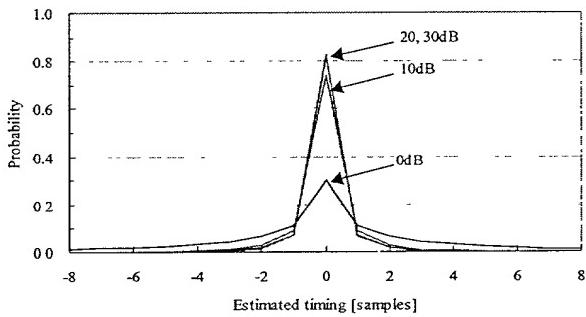


FIGURE 5(b)

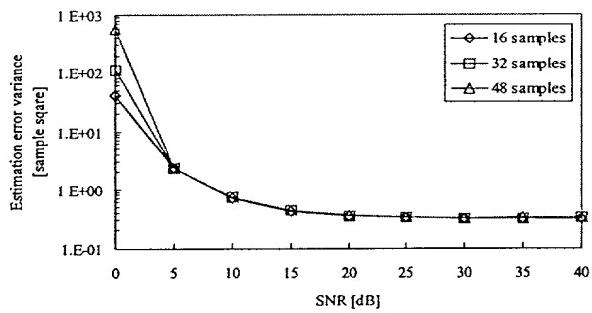


FIGURE 5(c)

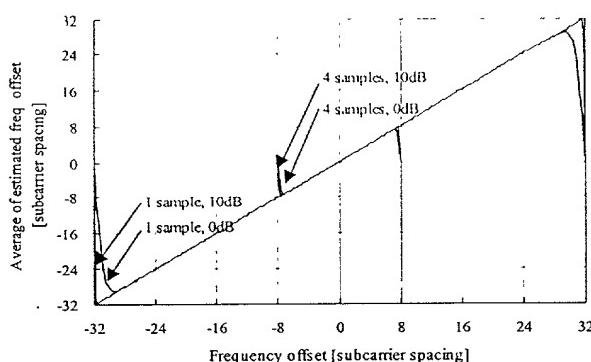


FIGURE 6(a)

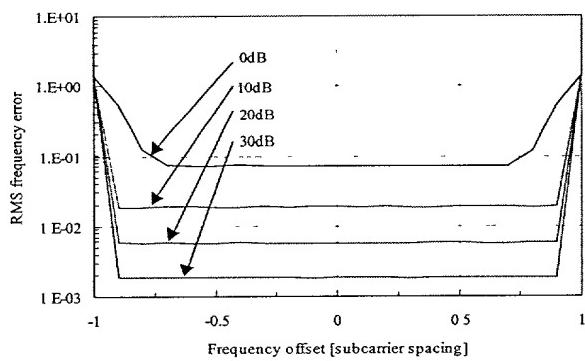


FIGURE 6(b)

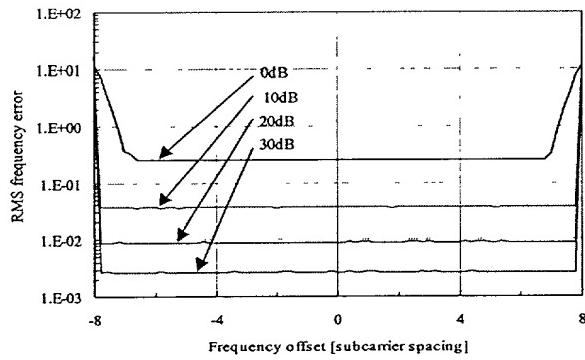


FIGURE 6(c)

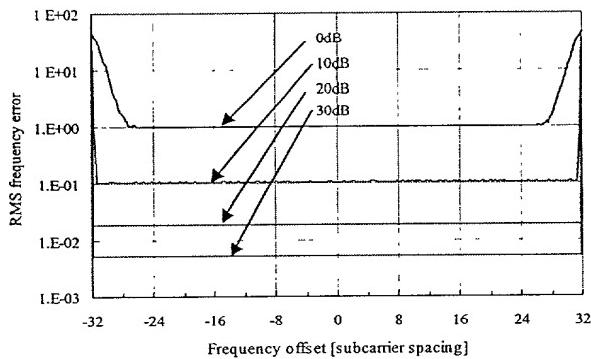


FIGURE 6(d)

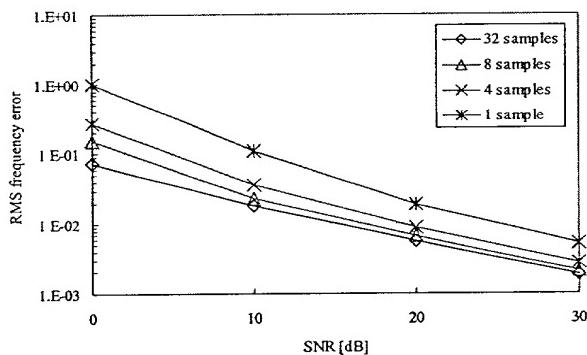


FIGURE 6(e)

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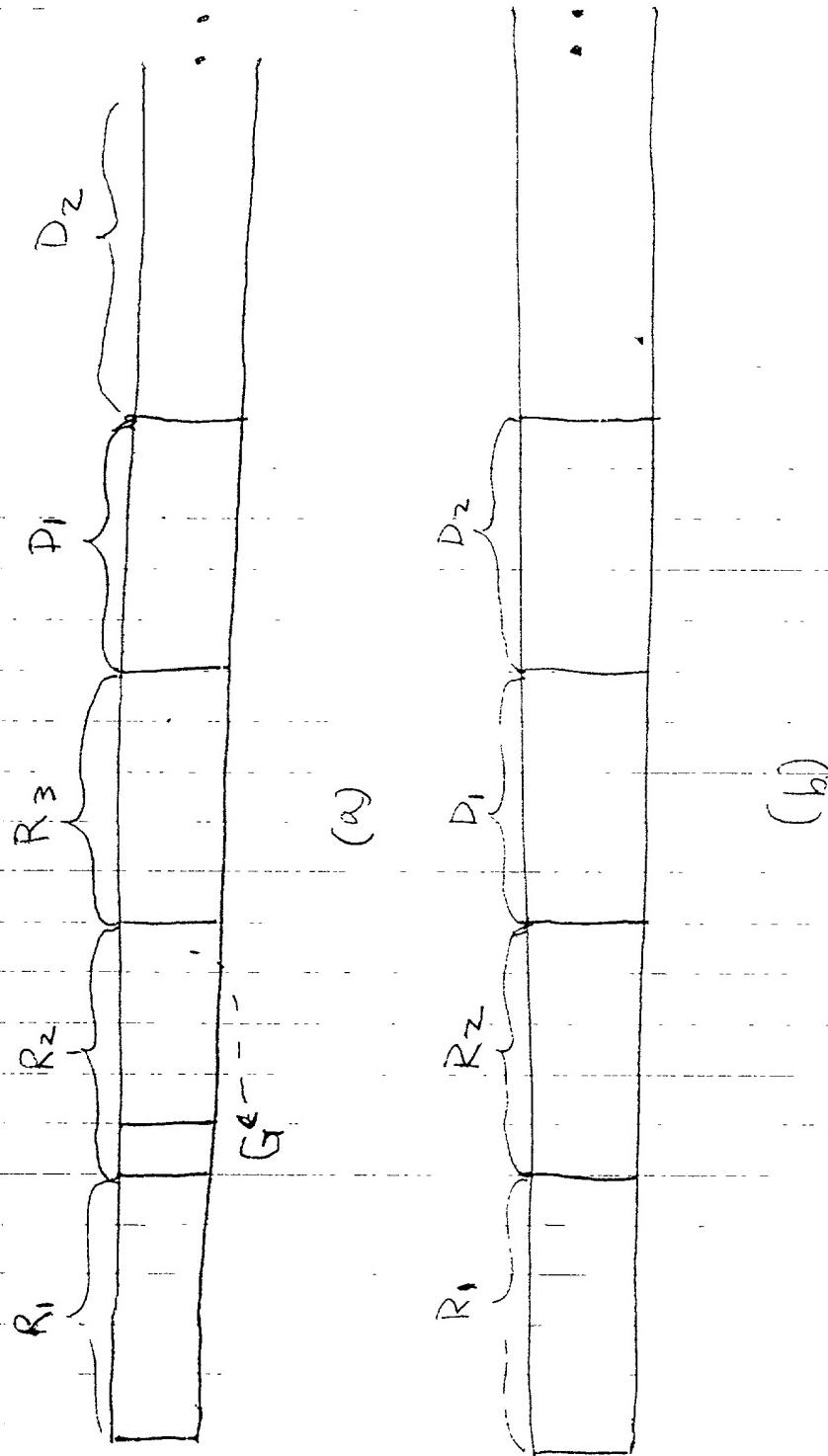
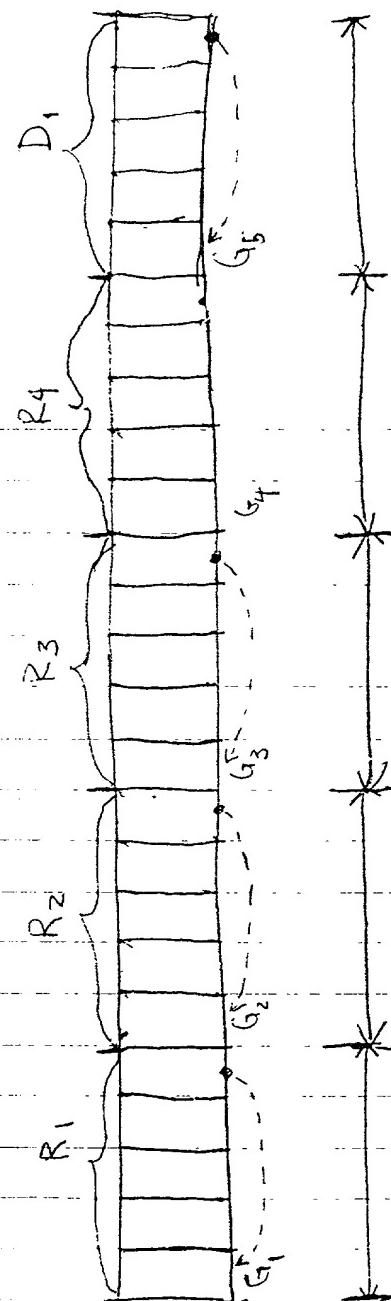


FIGURE 7

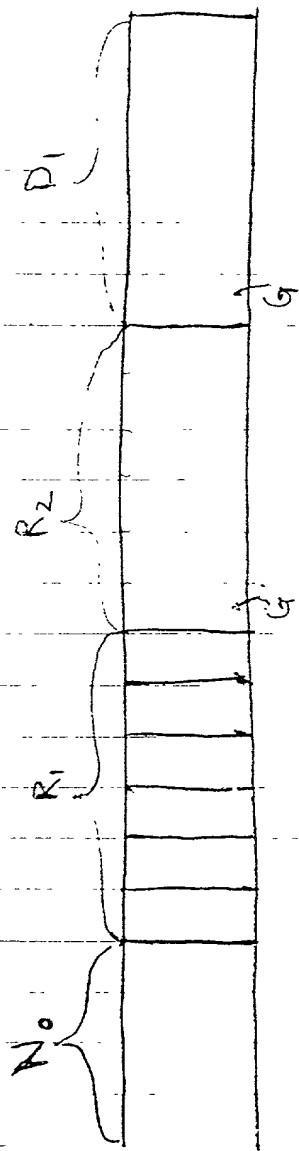


PRIOR ART

FIGURE

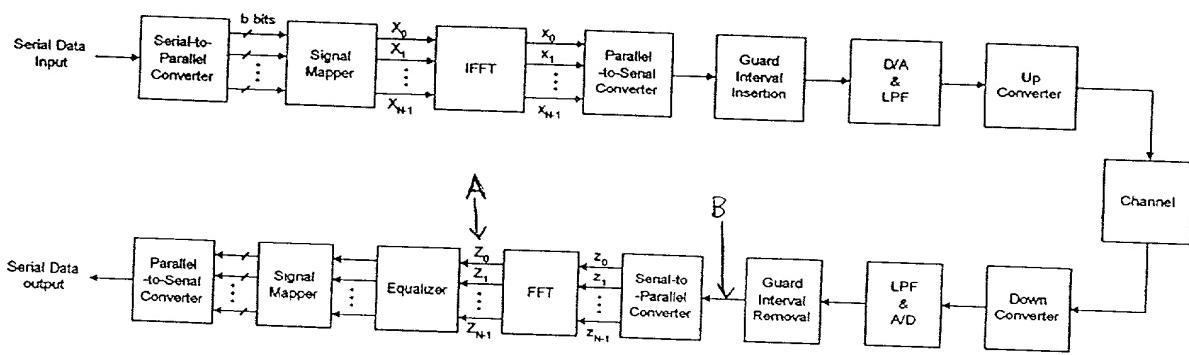


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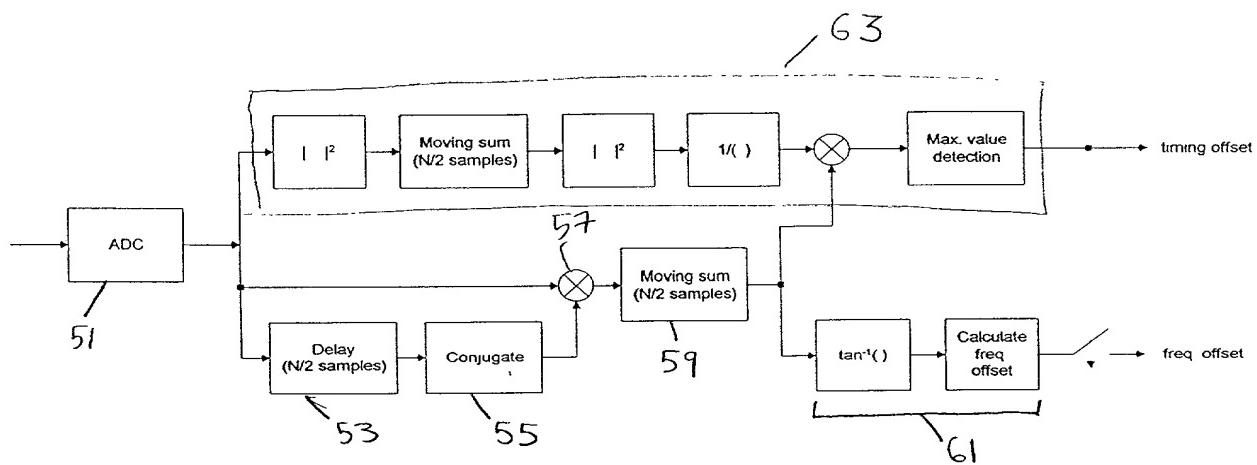
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FIGURE 9



PRIOR ART

FIGURE 10



PRIOR ART

FIGURE 11